



Fluid Concepts
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Axis Rear Bimini 2020-2021 (all models)



Instruction Manual

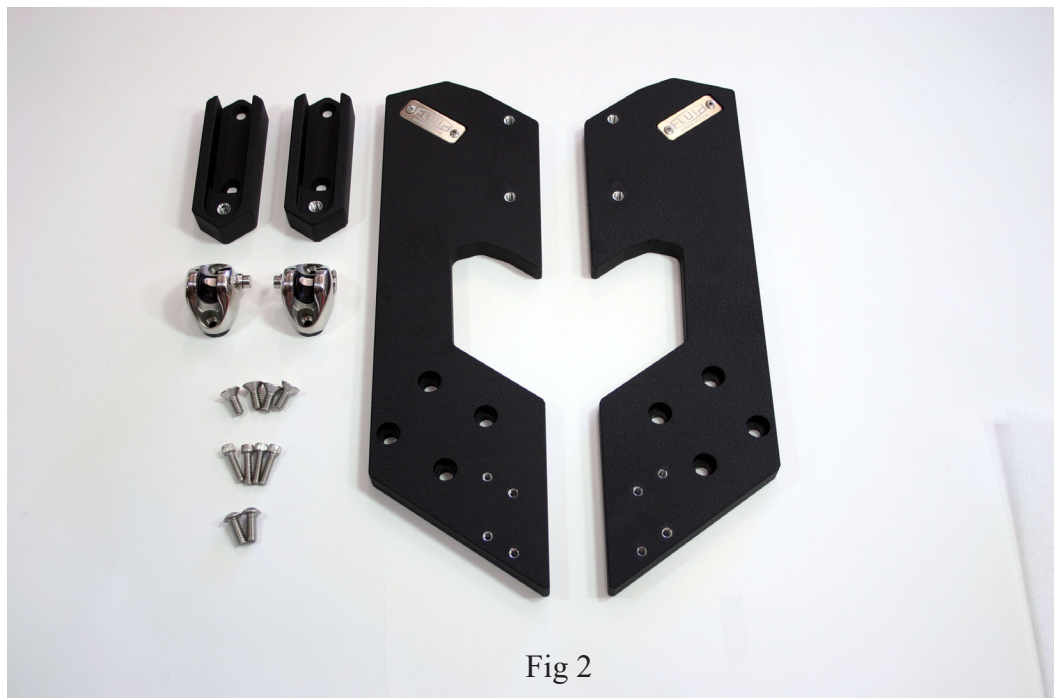
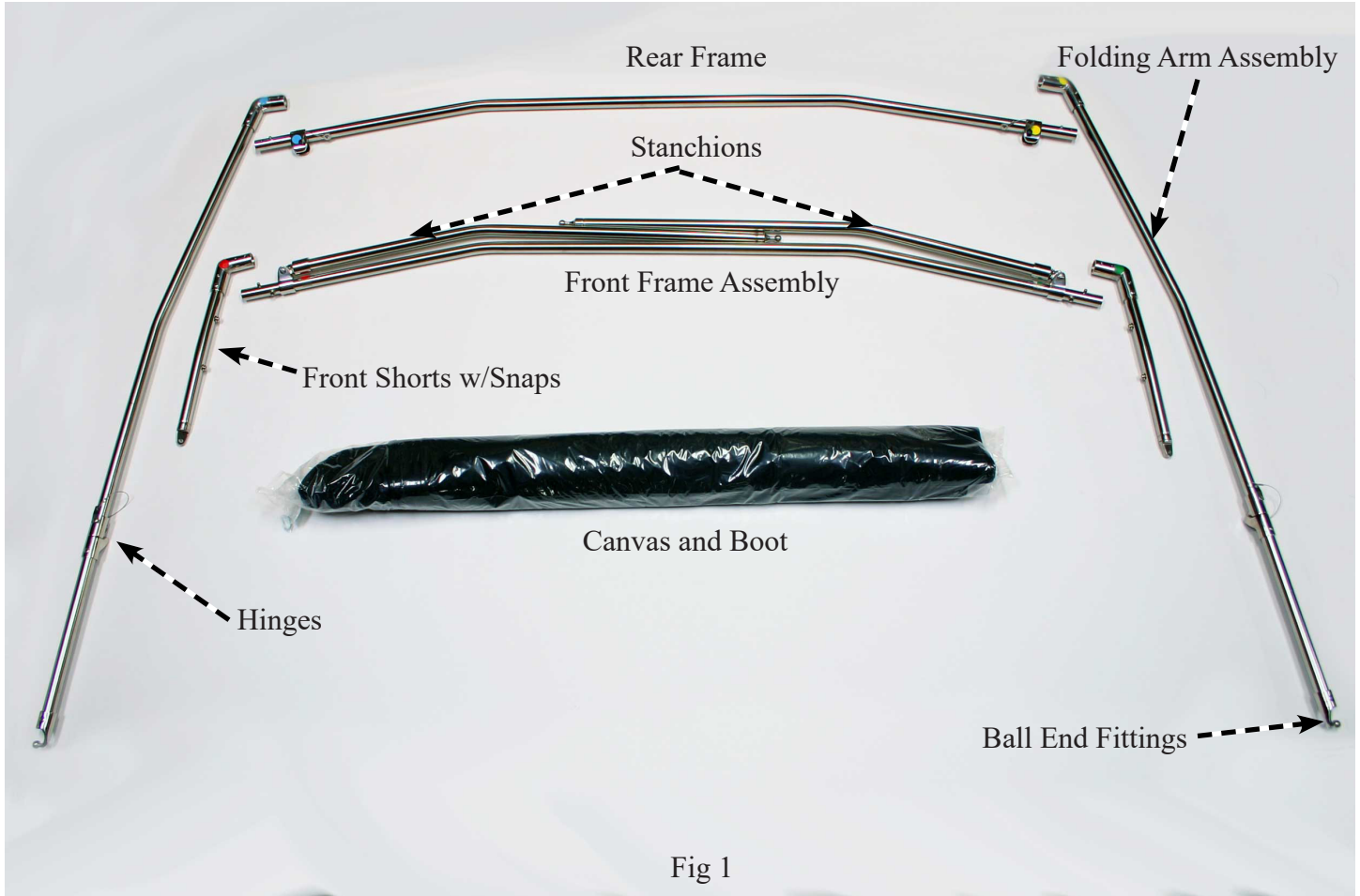
Congratulations on your purchase of one of the premier tow boat products in the industry! This bimini top is designed to provide years of service and satisfaction with the proper care and installation. Please read these instructions carefully. If at any time you have a question about the bimini or installation, please call (480) 609-1182 and ask for technical assistance.

*****Important Safety Precautions***** Please Read

- This Bimini is designed to be used at tow boat speeds only. Do not trailer/transport boat while deployed.
- Do not allow passengers to hang on or pull on rear frame extension while deployed.
- Ensure all bolts and hardware are tightened before each use.
- Do not use bimini if hardware is missing or broken or if the bimini shows any type of stress (cracks, broken welds, etc).
- When operating or towing boat with bimini installed, be aware of low bridges, waterways, powerlines, trees, or other low objects that may come into contact with bimini top.
- Do not store surf boards or other objects on top of bimini.
- Failure to adhere to these safety warnings and guidelines will void warranty and may cause personal injury.

Unpack Contents:

Carefully unpack contents of boxes. Find a suitable area to lay the parts out and assemble (wood shop table or other soft work area). Please identify parts using the list below. Now is a good time to inspect parts for damage from shipping.



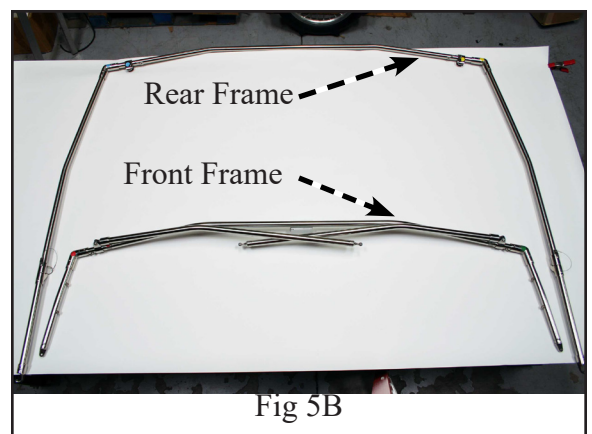
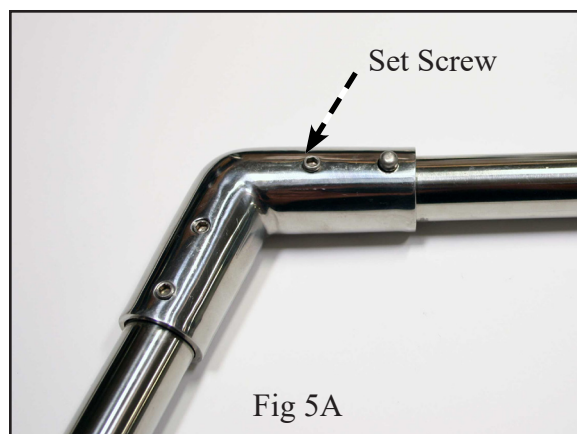
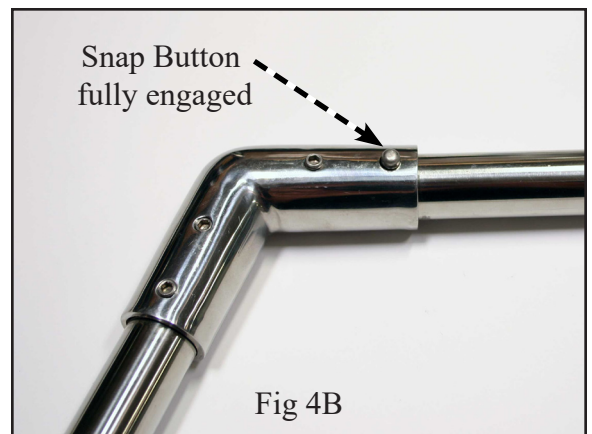
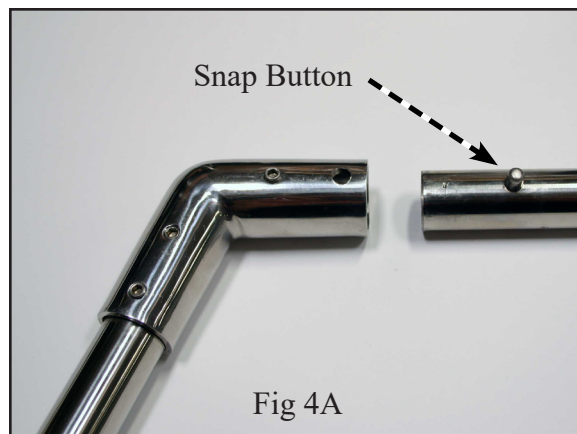
Tools:

1. Hex keys x 3: 1/8" (or 3mm*), 5/32", 1/4"
2. 9/16" wrench
2. Thread Lock (Loctite Blue) ---optional
*depending on components used in assembly

Bimini Frame Pre-Assembly:

Step 1: Identify each frame piece according to **Fig-1**. Corner Fittings are identified by a colors (4 total) **Fig-3**. Find corresponding tube piece with same color and insert into Corner Fitting **Fig-4A**. Push until Snap Button clicks into locating hole on Corner Fitting. Make sure pin is fully engaged in hole as shown in **Fig-4B**. Repeat for the 3 remaining corners. **Note: Colors may not be the same as shown in pictures.**

Step 2: Tighten all set screws adjacent to Snap Button tube locks. **Fig-5A** At this point you should have two separate frames assembled (front frame and rear frame) as shown in **Fig-5B**.



Bracket Pre-Assembly:

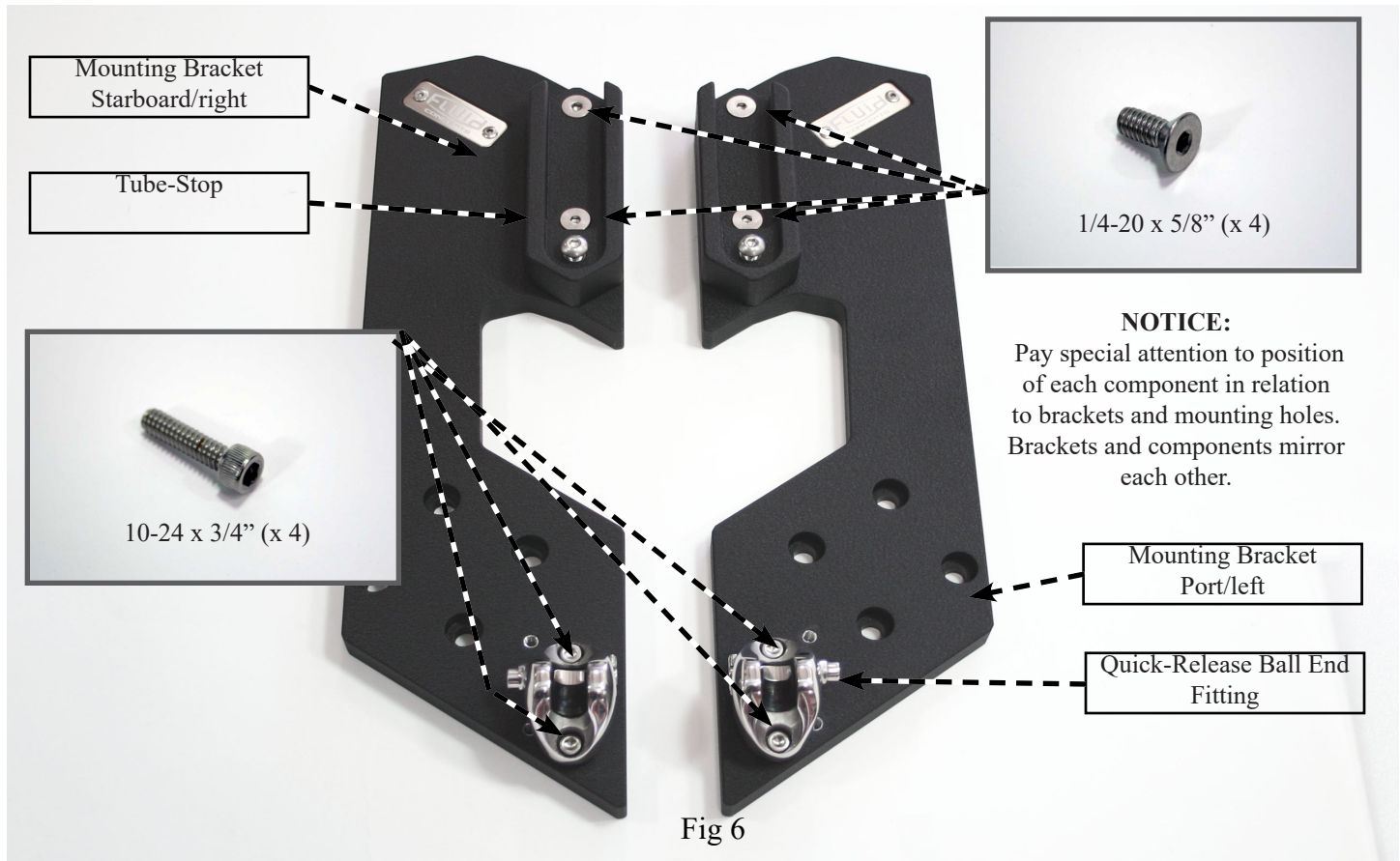


Fig 6

Step 1: Mount Tube-Stops to top of Mounting Brackets.

Position the Tube-Stops with groove opening pointing towards top of bracket as seen in **Fig-6** and **Fig-7**. Secure with (4) 1/4-20 flat head screws.

NOTE: Some brackets may have auxiliary sets of threaded holes located in close proximity to desired mounting holes.

Do not use these holes! Please use holes closest to the edge of Mounting Brackets.

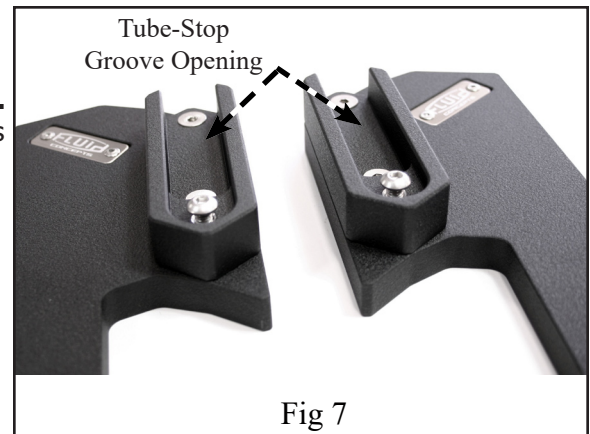


Fig 7

Step 2: Mount Quick-Release Ball End Fittings to Mounting Brackets.

Position fittings exactly as shown in **Fig-6** and **Fig-8**. The fittings should mirror each other with the twist pins located on the upper half of the fitting. Use mounting holes located closest to the edge of the part. Secure with the 10-24 x 3/4" socket head cap screws. Do not overtighten! D-Ring on each part should be located toward edge of part. **Fig-8**

NOTE: The quick-release fittings are mirrored parts. There is a left and right. There is also a top and bottom. The larger opening (and D-Ring Twist Pin) are located toward the top of the fitting. This allows the bimini ball end to slide downward to lock into place.

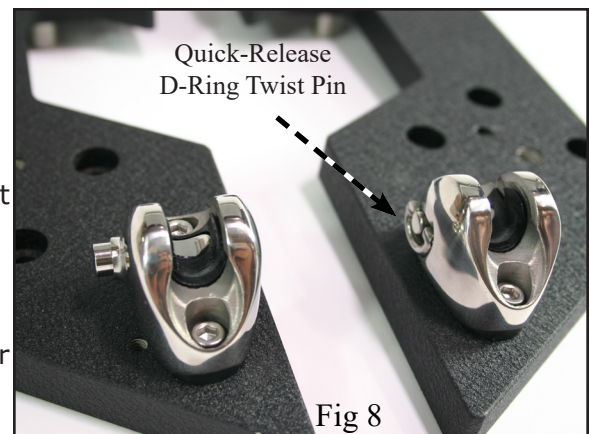


Fig 8

Installing Brackets and Bimini Frame to Tower:

Step 1: Determine Mounting Bolt Kit. Depending on the board rack options on your boat, you will need one of the 3 available bolt kits:



Standard Mounting Kit:

Use when mounting bimini brackets to tower with no boardracks.

Replaces obsolete kit as seen below

PART: AXS-EB-STD

Description: (8) 5/16-18 x 1-3/8" SHCS SS, (8) 5/16 SS Washers, (8) 5/16-18 Acorn Nuts



Fixed Rack Mounting Kit:

Use when mounting bimini brackets to tower and OEM fixed boardracks are mounted in top position. This kit replaces stock screws.

PART: AXS-EB-FMK

Description: (8) 5/16-18 x 3-1/4" SHCS SS



Swivel Rack Mounting Kit:

Use when attaching bimini brackets to tower and OEM Swivel boardracks are mounted in top position. This kit replaces stock screws.

NOTE: The use of the swivel rack feature will be lost when bimini is deployed. We suggest moving swivel racks into the lower position to maintain full functionality.

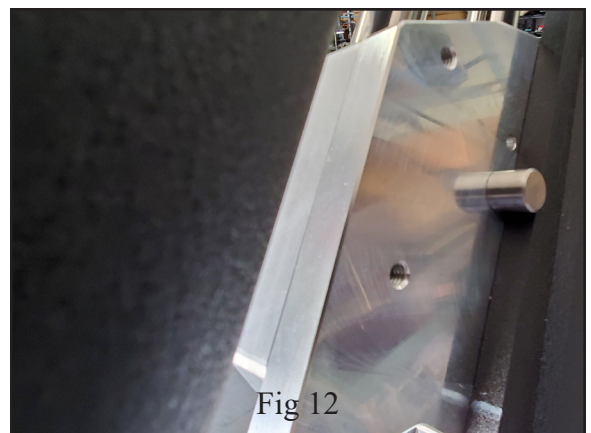
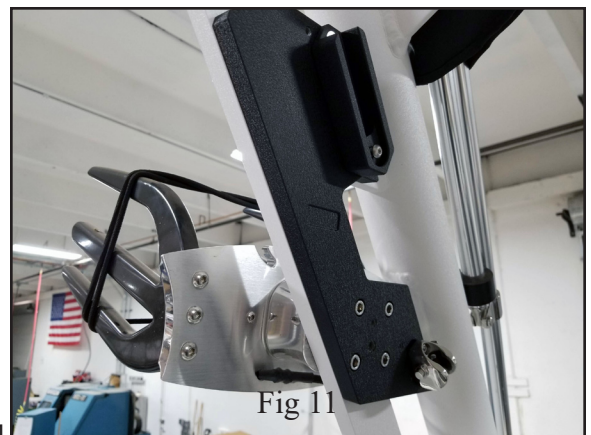
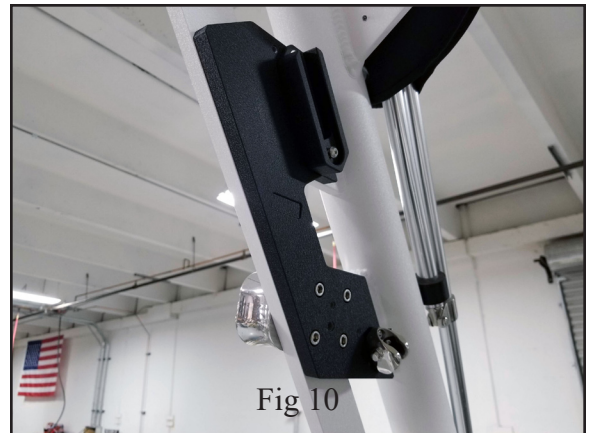
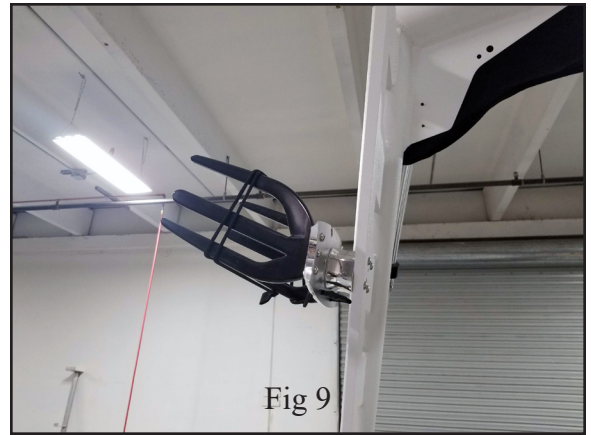
PART: AXS-EB-SMK

Description: (8) 5/16-18 x 1-3/4" SHCS SS



OBSOLETE Standard Mounting Kit:

Please call (480) 609-1182 for free upgrade to the updated kit above. New part: AXS-EB-STD



Step 2: In our example we have fixed racks, so we'll be using the fixed rack mounting kit. We'll also be using a black mounting bracket on a white tower for picture contrast.

Fig-9 Remove both boardracks and replace existing mounting hardware with new hardware supplied with your bimini kit. Set brackets on tower using new hardware, then carefully slide rack spacer over the screws. **Fig-10** Next, carefully hold rack into position while tightening screws. **Fig-11**

HINT: it may be easier to do two screws first, then come back and insert remaining screws. Depending on agility, have a second person hold boardrack in place while the other tightens screws. Notice pin on back of mounting bracket sits in corner of machined window of tower. **Fig-12** Once everything is in place, tighten all screws using 1/4" hex key/wrench.

Step 3: Install Front Frame Assembly. Set frame ends into grooves of the tube-stops. **Fig-13** Make sure Stanchions and Stanchion Hinges are facing towards the rear of the boat. The frame may need to be flexed slightly to get into the grooves. This is normal. Aligned Eye Ends with mounting threaded hole and use supplied 1/4" button-head socket screw to fasten. **Fig-14A** Tighten both fasteners. The front frame should look like **Fig-14B**



Fig 13



Fig 14A



Fig 14B

Step 4: Install Rear Frame Assembly: Make sure Quick-Release Ball End Fittings are ready to accept frame Ball Ends. Turn the D-Ring Twist Pin until groove is open. **Fig-13** With Bimini Hinge Pins pointing upward on Rear Frame, insert one end of Rear Frame ball fitting into the Quick-Release fitting and slide downward to set in place. Do the same for the opposite side. Lock in place by turning D-Ring Twist Pin until groove is closed. **Fig-16** The rear bimini frame should look like this. **Fig-17**



Fig 15



Fig 16



Fig 17

Installing Bimini Canvas on Frame:

Step 1: Locate Underside of Canvas. To locate underside of canvas, lay on flat surface and locate side with corner pockets visible (stainless snaps will also be facing in same direction). **Fig-18**



Fig 18

Step 2: Wrap canvas corner around Front Frame Corners as shown in picture. Snap canvas to frame using the 3 snaps. Repeat for opposite side. Underside of Canvas should be facing floor of boat. Make sure the Stanchions are pointed towards the center of the boat. Canvas can then drape over the frame at this point. **Fig-19**



Fig 19

Step 3: Lift frame up and position corners of Canvas over the rear corners of the Bimini Frame. The frame should be hanging in air at this point, with the Stanchions still pointing towards the center/rear of the boat. Snap corners onto frame. If snaps are difficult to line up, lift frame up to release tension on corners, then snap into place. See **Fig-21**

Step 4: Place zipper pocket around Front Frame and close zipper. **Fig-20**



Fig 20

Step 5: Again, using rear zipper pocket, secure canvas around rear frame and zip. See instructions below to setup bimini for use. **Fig-22**

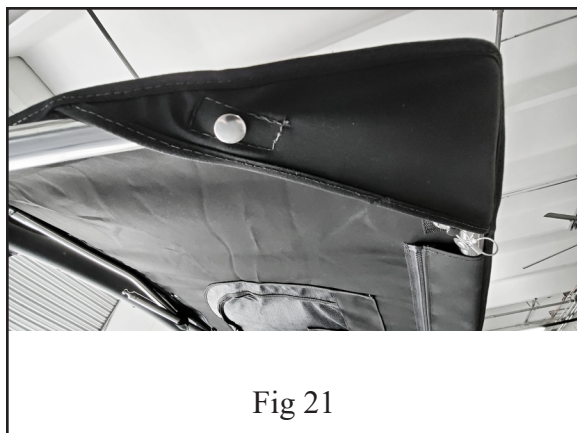


Fig 21

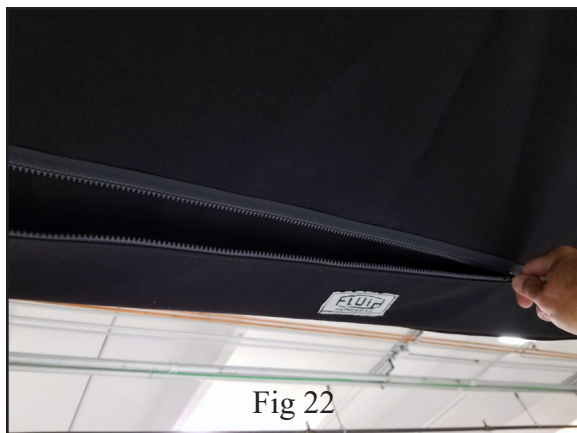


Fig 22

Instructions for Use:

Stowing Bimini:

NOTE: At this point your bimini should be loosely hanging from rear of tower. In the next steps, we'll show you how to stow bimini, then deploy.

Step 1: Stow bimini. Fold Stanchions toward center of boat, then secure to underside of Front Frame using velcro strap. **Fig-23**

Step 2: Pull Pins out of Hinges on Rear Frame to allow the frame to collapse. **Fig-24** **HINT: *Occasionally there may be tension on the bimini frame which makes the pins difficult to pull out. If so, try slightly pulling the bimini frame upwards and towards the center of the boat (at the hinge) while pulling pins. This should alleviate any tension in hinge pins.*** Allow frame to fold, then maneuver Rear Frame to sit just behind the Front Frame. Place loose canvas over the top and wrap around both frames. Wrap nylon strap (as shown in Fig-25) around middle of frame and canvas to hold in place for the next two steps. This will prevent canvas and frame from falling down. Strap may need to be adjusted. **Fig-25**

NOTE: Some frames may have optional push button quick-release hinge. Simply push black button to release hinge.

Step 3: Using frame clips, clip folded frame together. **Fig-26** The canvas and the frame clips should hold the frame in place long enough to get the Bimini Boot over the canvas. **HINT: *Depending on boat and speaker package, it may be easier to use a small strap or have someone help hold frame for next step.***

Step 4: Install Bimini Boot. Pull boot over top of frame and canvas. Zip to secure. **Fig-27** The bimini should be secure and stowed at this point.

NOTE: While towing boat when bimini is in the stow position, it is a good idea to push dangling hinge pins into hole. Be sure to remember to remove them before deploying bimini!



Fig 23



Fig 24

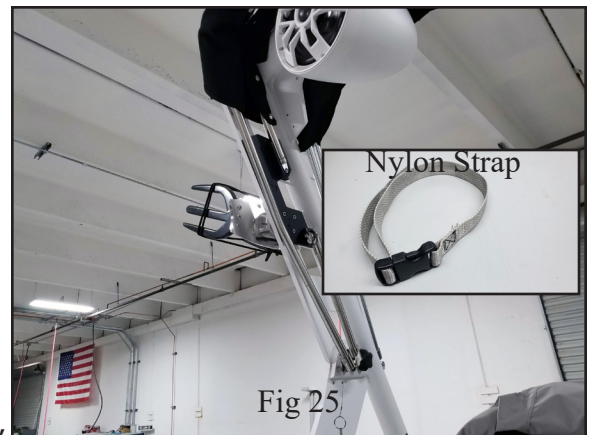


Fig 25

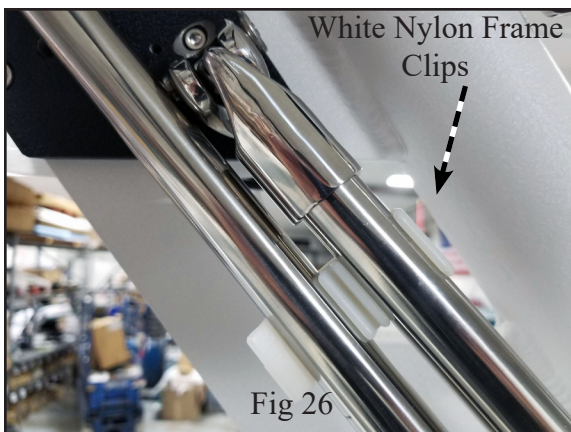


Fig 26



Fig 27

Deploying Bimini:

Step 1: Remove Bimini Boot and remove Bimini Frame Clips. Allow frame to rest below tower. **Fig-28**

Step 2: Straighten rear frame. Install Hinge Pins. Make sure Hinge Pins are fully inserted. **Fig-29. Disregard if your bimini has push button quick-release hinges. In this case, make sure hinges are locked after straightening frame.**

Step 3: Bimini frame should be loosely hanging from rear of tower (same position as the last step on page 7). Check bimini canvas and make sure it is in position before moving on to next step. The pockets should be around the rear frame, with the canvas in a loose setup position. **Fig-30**

Step 4: Remove Stanchions from velcro strap. Swing one Stanchion towards rear of boat and secure into the Ball End Fitting on Rear Frame. Secure with Pin. **Fig-31** Repeat for other side. **HINT: sometimes the bimini canvas may be tight and prevent the stanchion end from sliding into position on the rear fittings. It may help to pull down on the frame to pre-tension the canvas so the stanchions can be locked into place.**

Step 5: Check to make sure corners are snapped into place. See **Fig-30** That's it. Check bimini to proper fit and make sure frame feels secure. Center zipper pocket is for easier access to tow rope spool in center of tower. Reverse Process to Stow.

Do not hang from bimini frame. This will cause premature wear and may damage canvas or frame.



Fig 28



Fig 29



Fig 30



Fig 31



Fig 32

Adjusting and Leveling Bimini:

For reasons beyond our control, your bimini may not sit “level” when deployed. In some instances, there may be a noticeable lean (left to right). Don’t worry, your bimini is not defective. This is the result of a small manufacturing discrepancy with your boat tower. Small variations in the boardrack mounting hole locations are typically the cause. If this is visible when the bimini is deployed, and adjusting is desired, follow the simple steps below.

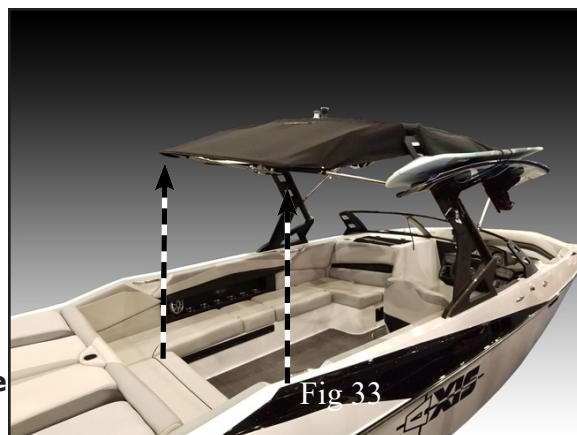


Fig 33

Step 1: Determine the low corner. Measure the difference from the floor of the boat to each rear corner of the bimini frame. If there is more than an inch difference, proceed to step 2 for adjustment. If the measurement is less than an inch, no action is recommended. **Fig-33**

Step 2: On the side that is low, move the Quick-Release Ball End Fitting over to the AUX set of holes on the corresponding mounting bracket. **ONLY MOVE ONE** (either left or right side depending on lean). **Fig-34**

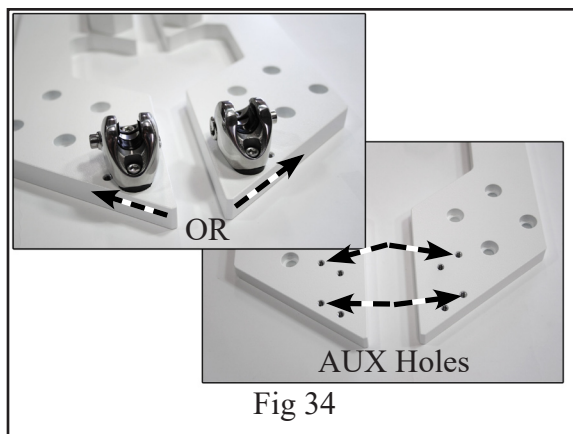


Fig 34

Step 3: Check bimini stance once this Quick-Release Ball End Fitting is moved. There should be a measureable difference in the stance of the bimini. With this adjustment, your bimini frame should be near level.

Care and Maintenance

Periodic maintenance: Wipe down surfaces with damp cloth. Soap and water may be used to clean. Avoid harsh chemicals as they will damage the painted/polished surfaces. Canvas may be washed with water and vacuumed.

5 Year Limited Warranty

We offer a 5 Year Warranty on our products along with a 30 day money-back guarantee. If you are not satisfied with our products in any way, return the item and we will refund your money!

Warranty Information

Fluid Concepts L.L.C. (Fluid) warrants to the original purchaser that this product will be free from defects in material and workmanship under normal use for a period of five (5) years from date of original purchase from an authorized Fluid dealer. See exclusions for specific items not covered or with limited warranty. Should repair be necessary under this warranty for any reason due to a manufacturing defect or malfunction during the warranty period, Fluid will repair or replace (at its discretion) the defective product with equivalent product at no charge. Discontinued products may be replaced with equivalent products. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. This warranty is limited to defects in material and workmanship, and it does not apply to loss of damage due to accident, misuse or negligence, or any cause occurring after delivery to the original purchaser.

Warranty Claims

Defective merchandise must be returned to your local authorized Fluid Dealer for warranty issues. To locate an Authorized Dealer please email or call Fluid Concepts direct. If the return of defective merchandise is necessary, call Fluid at (800) 284-6615 to obtain a Return Authorization (RA) number. Package all defective items in the original container or in a suitable package that will prevent shipping damage, and return to:

**Fluid Concepts
134 E. Broadway Rd. #101
Mesa, AZ 85210**

Include a dated proof-of-purchase from an Authorized Dealer. Warranty expiration on items returned without proof-of-purchase will be determined from the manufacturing date code. Freight must be prepaid; items received freight collect will be refused. Failure to follow these steps may void your warranty. Non-defective items received will be returned freight collect. Any warranty questions can be directed to the Fluid Concepts at (480) 609-1182.

Warranty Exclusions:

The following items have a limited warranty:

1. Rubber components (1 year)
2. Stretch cord (1 year)
3. Chrome finish (1 year)
4. Anodized finish (3 years)
5. Powder coated finish (2 years)

This warranty is valid only if the product is used for the purpose for which it was designed.

Fluid Warranty does not cover:

- Damage resulting from negligence, misuse, or accident
- Items physically damaged due to abuse
- Freight damage or mishandling
- Items previously repaired by any unauthorized repair facility
- Speakers with silicon caulking or tape used for gasket/sealing material
- Items returned by unauthorized individuals or dealers
- Return shipping of non-defective items
- Speakers damaged due to amplifier clipping or distortion or incorrect signals
- The cost of shipping product to Fluid Concepts
- Installation slips including screwdriver holes in speaker surrounds and scratched surfaces
- Normal wear-and-tear from use, storage, and transportation
- Damage caused by exposure to water and/or excessive heat
- Items damaged from cross-threading fasteners or improper installation tools and techniques.
- Damage resulting from items coming into contact with objects such as bridges, other boats, etc.